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## ***Medication Reference:***

### ***Sodium Thiosulfate***

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#### ***Class***

Cyanide Antidote

#### ***Actions***

Removes cyanide ion from ferrocyanate complex formed with methemoglobin, producing thiocyanate; excreted by the kidneys.

#### ***Indications***

Acute cyanide poisoning following administration of nitrates.

#### ***Protocol Reference***

P8



#### ***Contraindications***

None in the cyanide poisoning situation.

#### ***Precautions***

May rarely be ordered without previous administration of nitrate if history is unclear.

#### ***Adverse Reactions***

No significant side effects in setting of cyanide poisoning following administration of nitrates.

#### ***Adult Dosage / Route***

- 12.5gm ( 50ml of 25% solution ) IV over 10 minutes utilizing a 60cc syringe.
- Repeat ½ dose if symptoms do not improve or reappear.



#### ***Pediatric Dosage / Route***

- 0.25 mg/kg (1.2 ml/kg) to a maximum of 12.5 G over 10 minutes

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